





## **QUALITY CERTIFICATE**

Vessel SHORE TANK NO. 4

Customer SPRAGUE Operation ANALYSIS

Port Date SEARSPORT, MAINE

Report

SP/03/0439

Date Terminal April 25, 2003 SPRAGUE Reference

Sample # 287314

Name of material being tested Description of sample source Samples Drawn by (company) Samples Tested by (company) **NO. 6 FUEL OIL 1.75%** 

EX. SHORE TANK NO. 1 AFTER RUNNING AGITATOR INSPECTORATE INSPECTORATE

Tests being Performed	Test method	Minimum Maximum	Sample Source
GRAVITY, API @ 60 F FLASH POINT, F VISCOSITY, SSF @ 122 F POUR POINT, F WATER & SEDIMENT, % VOL. SULPHUR, % WT.	ASTM D 4052 ASTM D 93 ASTM D 445/2161 ASTM D 97 ASTM D 1796 ASTM D 4294		11.2 200+ 213 +37.4 0.10 1.560
SH, % WT. ANADIUM, PPM SODIUM, PPM BTU'S/POUND BTU'S/GALLON NITROGEN, % WT. CARBON RESIDUE, % WT.	ASTM D 482 AAVAE AAVAE CALCULATION CONVERSION ASTM D 3228 ASTM D 4530	0.024 25 41 18,353 151,559 0.406 12.09	0.024 25 41 18,353 151,559 0.406
ASPHALTENES, % WT.	IP-143		5.75
THE ATTACHED CERTIFICATE REPRESENTS THE PRODUCT INSPECTED BY THE INSPECTION SERVICE ON THE DATE STATED ON THE CERTIFICATE IN THE TANK STATED BY THE INSPECTION SERVICE. SPRAGUE REPRESENTS THAT ANY PRODUCT IT MAY SELL AT THE RACK MAY DIFFER FROM SUCH INSPECTION CERTIFICATE BUT SUCH PRODUCT SHALL MEET THE SPECIFICATIONS AS MAY BE REQUIRED BY ANY APPLICABLE REGULATIONS WITHIN THE STATE THAT THE PRODUCT IS SOLD.			

DENNIS E. CURTIS

Inspectorate America Corp (Searsport, Me.)

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